

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H01Q15/08 H01Q19/06 H01Q15/23 H01Q1/28 H01Q25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/006941 A1 (EBLING JAMES P ET AL) 9 January 2003 (2003-01-09) abstract; claim 1; figures 9,10 paragraphs '0023!, '0024!, '0030!, '0033!, '0036! - '0038!, '0041!	1,4,8-14
A	US 5 781 163 A (RICARDI ET AL) 14 July 1998 (1998-07-14) abstract; figures 2,3	1
A	US 3 386 099 A (WALTER CARLTON H ET AL) 28 May 1968 (1968-05-28) abstract; figures 1-3 column 1, line 11 - line 15 column 2, line 37 - line 41 column 3, line 59 - line 70	1,12-14

Further documents are listed in the continuation of box C.

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Date of the actual completion of the international search

29 June 2005

Date of mailing of the international search report

06/07/2005

Name and mailing address of the ISA

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